

08-21-01

A

08/20/01

1047 U.S. PTO

1040 U.S. PTO

08/20/01

UTILITY PATENT APPLICATION TRANSMITTAL	Attorney Docket No.:	CM04766H
	First Inventor:	Gailus, et al.
	Title:	A FEEDBACK LOOP WITH ADJUSTABLE BANDWIDTH
	Express Mail Label No.:	EL034003227US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS (see MPEP chapter 600 concerning utility patent application contents)	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231
---	---

1. <input checked="" type="checkbox"/> Fee Transmittal Form in duplicate (Submit an original and a duplicate for fee processing)
2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27
3. <input checked="" type="checkbox"/> Specification Total Pages <input type="text" value="21"/> (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure
4. <input checked="" type="checkbox"/> Drawing(s) Total Sheets <input type="text" value="4"/>
5. Oath or Declaration a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/ divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. <input type="checkbox"/> Application Data Sheet under 37 CFR 1.76

7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CFR) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-4 (2 copies); ii. <input type="checkbox"/> or paper c. <input type="checkbox"/> Statements verifying identify of above copies

ACCOMPANYING APPLICATION PARTS	
9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/> 37 CFR 3.73(b) <input type="checkbox"/> Power of Attorney Statement (when there is an assignee)	
11. <input type="checkbox"/> English Translation Document (if applicable)	
12. <input checked="" type="checkbox"/> IDS <input type="text" value="11"/> Copies of IDS Citations	
13. <input type="checkbox"/> Preliminary Amendment	
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)	
15. <input type="checkbox"/> Certified Copy of Priority Document	
16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17. <input type="checkbox"/> Other:	

18. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:			
<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in- Part (CIP)	Prior Appl. No. <input type="text"/>
Prior Appl. information:		Examiner: <input type="text"/>	Group/Art Unit: <input type="text"/>

For CONTINUATION OR DIVISIONAL APPS only The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts

19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<input type="text" value="22917"/>	or	<input type="checkbox"/> Correspondence address below	
Name	Nicholas C. Oros				
Address	Motorola, Inc. - Law Department				
	1303 E. Algonquin Road				
City	Schaumburg	State	IL	Zip Code	60196
Country	U.S.A.	Telephone		Fax	
Name	Nicholas C. Oros	Registration No.	P-48,413		
SIGNATURE	<i>Nicholas Oros</i>		Date	August 20, 2001	

<b>PTO/SB/17 (11-00)</b>  <b>FEE TRANSMITTAL</b>  Patent fees are subject to annual revision		<b>Complete if Known</b>	
		Application Number	N/A
		Filing Date	August 20, 2001
		First Named Inventor	Paul H. Gailus
		Examiner Name	N/A
		Group Art Unit	N/A
TOTAL AMOUNT OF PAYMENT	\$830.00	Attorney Docket No.	CM04766H

<b>METHOD OF PAYMENT</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																																																										
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number <u>13-4772</u> Deposit Account Name <u>Motorola, Inc.</u>  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Fee Description</th> </tr> <tr> <th>Code</th> <th>Code</th> <th>(\$)</th> <th>Code</th> <th>Code</th> <th>(\$)</th> <th></th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td></td><td></td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td></td><td></td><td>Surcharge - late Provisional filing</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td></td><td></td><td>Non-English specification</td></tr> <tr><td>147</td><td>2520</td><td>147</td><td>2520</td><td></td><td></td><td>For filing a request for ex parte Reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td></td><td></td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td></td><td></td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td></td><td></td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td></td><td></td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td></td><td></td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1390</td><td>218</td><td>695</td><td></td><td></td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1890</td><td>228</td><td>945</td><td></td><td></td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td></td><td></td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td></td><td></td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td></td><td></td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td></td><td></td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td></td><td></td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1240</td><td>241</td><td>620</td><td></td><td></td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1240</td><td>242</td><td>620</td><td></td><td></td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td></td><td></td><td>Design issue fee</td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td></td><td></td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td></td><td></td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td></td><td></td><td>Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td></td><td></td><td>Submission of IDS</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td></td><td></td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td></td><td></td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td></td><td></td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td></td><td></td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td></td><td></td><td>Request for expedited examination of a design application</td></tr> <tr><td colspan="7">Other fee (specify) _____</td></tr> </tbody> </table>		Large Entity	Small Entity	Fee	Fee	Fee	Fee	Fee Description	Code	Code	(\$)	Code	Code	(\$)		105	130	205	65			Surcharge - late filing fee or oath	127	50	227	25			Surcharge - late Provisional filing	139	130	139	130			Non-English specification	147	2520	147	2520			For filing a request for ex parte Reexamination	112	920*	112	920*			Requesting publication of SIR prior to Examiner action	113	1840*	113	1840*			Requesting publication of SIR after Examiner action	115	110	215	55			Extension for reply within first month	116	390	216	195			Extension for reply within second month	117	890	217	445			Extension for reply within third month	118	1390	218	695			Extension for reply within fourth month	128	1890	228	945			Extension for reply within fifth month	119	310	219	155			Notice of Appeal	120	310	220	155			Filing a brief in support of an appeal	121	270	221	135			Request for oral hearing	138	1510	138	1510			Petition to institute a public use proceeding	140	110	240	55			Petition to revive - unavoidable	141	1240	241	620			Petition to revive - unintentional	142	1240	242	620			Utility issue fee (or reissue)	143	440	243	220			Design issue fee	144	600	244	300			Plant issue fee	122	130	122	130			Petitions to the Commissioner	123	50	123	50			Processing fee under 37 CFR 1.17(q)	126	180	126	180			Submission of IDS	581	40	581	40			Recording each patent assignment per property (times number of properties)	146	710	246	355			Filing a submission after final rejection (37 CFR § 1.129(a))	149	710	249	355			For each additional invention to be examined (37 CFR § 1.129(b))	179	710	279	355			Request for Continued Examination (RCE)	169	900	169	900			Request for expedited examination of a design application	Other fee (specify) _____						
Large Entity	Small Entity	Fee	Fee	Fee	Fee	Fee Description																																																																																																																																																																																																																						
Code	Code	(\$)	Code	Code	(\$)																																																																																																																																																																																																																							
105	130	205	65			Surcharge - late filing fee or oath																																																																																																																																																																																																																						
127	50	227	25			Surcharge - late Provisional filing																																																																																																																																																																																																																						
139	130	139	130			Non-English specification																																																																																																																																																																																																																						
147	2520	147	2520			For filing a request for ex parte Reexamination																																																																																																																																																																																																																						
112	920*	112	920*			Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																						
113	1840*	113	1840*			Requesting publication of SIR after Examiner action																																																																																																																																																																																																																						
115	110	215	55			Extension for reply within first month																																																																																																																																																																																																																						
116	390	216	195			Extension for reply within second month																																																																																																																																																																																																																						
117	890	217	445			Extension for reply within third month																																																																																																																																																																																																																						
118	1390	218	695			Extension for reply within fourth month																																																																																																																																																																																																																						
128	1890	228	945			Extension for reply within fifth month																																																																																																																																																																																																																						
119	310	219	155			Notice of Appeal																																																																																																																																																																																																																						
120	310	220	155			Filing a brief in support of an appeal																																																																																																																																																																																																																						
121	270	221	135			Request for oral hearing																																																																																																																																																																																																																						
138	1510	138	1510			Petition to institute a public use proceeding																																																																																																																																																																																																																						
140	110	240	55			Petition to revive - unavoidable																																																																																																																																																																																																																						
141	1240	241	620			Petition to revive - unintentional																																																																																																																																																																																																																						
142	1240	242	620			Utility issue fee (or reissue)																																																																																																																																																																																																																						
143	440	243	220			Design issue fee																																																																																																																																																																																																																						
144	600	244	300			Plant issue fee																																																																																																																																																																																																																						
122	130	122	130			Petitions to the Commissioner																																																																																																																																																																																																																						
123	50	123	50			Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																						
126	180	126	180			Submission of IDS																																																																																																																																																																																																																						
581	40	581	40			Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																						
146	710	246	355			Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																						
149	710	249	355			For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																						
179	710	279	355			Request for Continued Examination (RCE)																																																																																																																																																																																																																						
169	900	169	900			Request for expedited examination of a design application																																																																																																																																																																																																																						
Other fee (specify) _____																																																																																																																																																																																																																												
<b>2. EXTRA CLAIM FEES</b> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Multiple Dependent Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>4</td> <td></td> <td>0</td> <td>18</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td>1</td> <td>80</td> <td>80</td> </tr> <tr> <td colspan="4"></td> <td>270</td> <td>0</td> </tr> </tbody> </table>		Total Claims	Independent Claims	Multiple Dependent Claims	Extra Claims	Fee from below	Fee Paid	20	4		0	18	0				1	80	80					270	0	<b>1. BASIC FILING FEE</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>365</td><td>Utility filing fee</td><td>710.00</td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>\$710.00</b></td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	365	Utility filing fee	710.00	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>\$710.00</b>																																																																																																																																																							
Total Claims	Independent Claims	Multiple Dependent Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																																							
20	4		0	18	0																																																																																																																																																																																																																							
			1	80	80																																																																																																																																																																																																																							
				270	0																																																																																																																																																																																																																							
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																							
101	710	201	365	Utility filing fee	710.00																																																																																																																																																																																																																							
106	320	206	160	Design filing fee																																																																																																																																																																																																																								
107	490	207	245	Plant filing fee																																																																																																																																																																																																																								
108	710	208	355	Reissue filing fee																																																																																																																																																																																																																								
114	150	214	75	Provisional filing fee																																																																																																																																																																																																																								
<b>SUBTOTAL (1)</b>					<b>\$710.00</b>																																																																																																																																																																																																																							
<b>2. EXTRA CLAIM FEES</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Reissue independent claims Over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (2)</b></td><td><b>\$80.00</b></td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim, if not paid		109	80	209	40	** Reissue independent claims Over original patent		110	18	210	9	**Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					<b>\$80.00</b>	<b>SUBTOTAL (3)</b> <b>\$40.00</b> * Reduced by Basic Filing Fee paid																																																																																																																																																																																
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																							
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																								
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																																																								
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																																																																								
109	80	209	40	** Reissue independent claims Over original patent																																																																																																																																																																																																																								
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																								
<b>SUBTOTAL (2)</b>					<b>\$80.00</b>																																																																																																																																																																																																																							
<b>SUBMITTED BY</b> Name (Print/Type) <u>Nicholas C. Oros</u> Signature <u>Nicholas Oros</u>		Complete (if applicable) Registration No. <u>P-48,413</u> Telephone <u>(847) 576-2651</u> Mail Date <u>August 20, 2001</u>																																																																																																																																																																																																																										